

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) An initial solids mixture for a later organic coating comprising ~~an~~ aqueous or water containing organic coating solution ~~with~~ electrically conductive additive particles, comprising including at least one of boron carbide, silicon carbide, a conductive oxide, silicide, carbide of transitional elements, boride of transitional elements and lanthanides, wherein an electrical conductivity of the additive particles is in the metallic range, and the additive particles are configured to have a continuous physical connection in at least one spatial direction.

2. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, further comprising an adhesive agent.

3. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, wherein the transitional elements and lanthanides form one of mixed oxides, silicides, carbides and borides.

4. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, wherein the electrical conductivity is in a range of  $\sigma > 10^2 \text{ l}/\Omega \text{ cm}$  to  $\sigma < 10^7 \text{ l}/\Omega \text{ cm}$ .

5. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, wherein the transitional elements include at least one of iron, manganese, zirconium, titanium, molybdenum, vanadium and tungsten.

6. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, wherein the transitional elements and lanthanides show a mixture of various oxidation states.

7. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, wherein the lanthanide includes cerium.

Claim 8: (Canceled)

9. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 1, further comprising a non-noble metal in an elemental state.

(B) 10. (Currently amended) The initial solids mixture ~~aqueous or water containing organic coating solution with electrically conductive additive particles~~ according to claim 9, wherein the non-noble metal includes at least one of zinc and aluminum.

11. (Withdrawn) A method for coating a substrate comprising the steps of:  
depositing an aqueous or water containing organic coating solution with electrically conductive additive particles onto the substrate; and  
curing the coating solution,  
wherein the aqueous or water containing organic coating solution with electrically conductive additive particles, comprising at least one of boron carbide, silicon carbide, a conductive oxide, silicide, carbide or boride of transitional elements and lanthanides, and  
wherein an electrical conductivity of the additive particles is in the metallic range, and the additive particles are configured to have a continuous physical connection in at least one spatial direction.

12. (Withdrawn) The method for coating a substrate according to claim 11, further comprising the step of applying a later organic coating including one of a pigmented coating and a priming coat after curing the coating solution.

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13. (Withdrawn) The method for coating a substrate according to claim 11, wherein the organic coating solution is applied to the substrate according to a coil coating method.

14. (Withdrawn) The method for coating a substrate according to claim 11, wherein the electrical conductivity of a coating formed by the organic coating solution is in a range of  $\sigma > 10^2 \text{ I}/\Omega \text{ cm}$  to  $\sigma < 10^7 \text{ I}/\Omega \text{ cm}$ .

15. (Withdrawn) The method for coating a substrate according to claim 11, wherein the transitional elements include at least one of iron, manganese, zirconium, titanium, molybdenum, vanadium and tungsten.

B 16. (Withdrawn) The method for coating a substrate according to claim 15, wherein the transitional elements and lanthanides form one of mixed oxides, silicides, carbides and borides.

17. (Withdrawn) The method for coating a substrate according to claim 11, wherein the lanthanide includes cerium.

18. (Withdrawn) The method for coating a substrate according to claim 11, wherein the transitional elements and lanthanides show a mixture of various oxidation states.

19. (Withdrawn) The method for coating a substrate according to claim 11, wherein the organic coating solution further comprises a non-noble metal in an elemental state.

20. (Withdrawn) The method for coating a substrate according to claim 19, wherein the non-noble metal includes at least one of zinc and aluminum.

21. (Withdrawn) The method for coating a substrate according to claim 12, wherein the aqueous or water containing organic coating solution further includes an adhesive agent, the proportion of adhesive agent to additive particles is in a range of 1:2.

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22. (Withdrawn) The method for coating a substrate according to claim 12, wherein the aqueous or water containing organic coating solution further includes an adhesive agent, the proportion of adhesive agent to additive particles is in a range of 1:3.

23. (Withdrawn) The method for coating a substrate according to claim 12, wherein the aqueous or water containing organic coating solution further comprises hexamethylenetetramine.

24. (Previously presented) The initial solids mixture according to claim 2, wherein the proportion of adhesive agent to additive particles is in a range of 1:2.

25. (Previously presented) The initial solids mixture according to claim 2, wherein the proportion of adhesive agent to additive particles is in a range of 1:3.

26. (Previously presented) The initial solids mixture according to claim 2, wherein the aqueous or water containing organic coating solution further comprises hexamethylenetetramine.

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